

ABSTRACT OF THE DISCLOSURE

A deposit conveyance mechanism for effectively conveying deposits includes a conveying tube having a suction port, a vertical tube part and a horizontal tube part horizontally extending sideward. The horizontal tube part is held in the water so as to be located below a hydraulic gradient line and is vertically moved so as to move the suction port close to and away from the bottom face of the water-storing place, by an elevating unit, in a prescribed cycle. A cup-shaped member is provided to the suction port of the conveying tube. The cup-shaped member includes a lower part in which the suction port is capable of moving upwardly and downwardly with a steam supplying section for supplying steam into the cup-shaped member. A compressed gas supplying section supplies a compressed gas into the cup-shaped member.

AMENDMENTS TO THE SPECIFICATION

Please delete the original Abstract and replace the ABSTRACT OF THE DISCLOSURE with:

ABSTRACT OF THE DISCLOSURE

~~The deposit conveyance mechanism is capable of effectively conveying deposits.~~

~~The mechanism comprises: a conveying tube 10 having a suction port 12, a vertical tube part 13, a horizontal tube part 14 horizontally extending sideward, the horizontal tube part 14 being held in the water so as to locate below a hydraulic gradient line and vertically moved so as to move the suction port 12 close to and away from the bottom face of the water storing place, by an elevating unit 38, in a prescribed cycle; a cup-shaped member 60 provided to the suction port 12 of the conveying tube 10, the cup-shaped member having a lower part in which the suction port 12 is capable of moving upward and downward; a steam supplying section 73 supplying steam into the cup-shaped member 60; and a compressed gas supplying section 74 supplying a compressed gas into the cup-shaped member 60.~~